

Nortel Networks  
Harlow Laboratories  
London Road, Harlow  
Essex CM17 9NA • UK  
Tel +44 (0)1279 429531  
Fax +44 (0)1279 403009

[www.nortelnetworks.com](http://www.nortelnetworks.com)

Geoffrey Chisholm  
Patent Associate  
Intellectual Property  
Law Group

Direct Line: +44 (0)1279 405671  
Direct Facsimile: +44 (0)1279 405670  
Email: [gdchis@nortelnetworks.com](mailto:gdchis@nortelnetworks.com)



Date 24 February 1999

Our Ref: GC/JW/ID1070-Gan US  
Your Ref:

## REGISTERED POST

Mr Jaswant Virdee  
20 Meadfield Avenue  
Langley  
Berkshire  
SL3 8HP

Dear Mr Virdee

Re: **ID1070 - H Gan Patent Application**  
**HLR Data Migration**  
**Northern Telecom Limited**

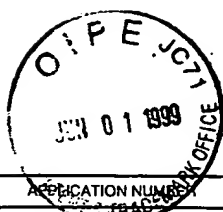
In order to complete the US patent application on the above case, I would be grateful if you could sign, date and have witnessed the enclosed assignment and declaration documents, before returning to me in the enclosed stamped addressed envelope. The witness may be any person other than one of your co-inventors.

Regards

  
Geoffrey Chisholm

Enc. assignment  
Declaration

*How the world shares ideas.*



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO./TITLE |
|--------------------|---------------------|-----------------------|---------------------------|
| 09/286,087         | 04/02/99            | GAN                   | H 476-1737                |

0292/0428

LEE MANN SMITH MCWILLIAMS  
SWEENEY AND OHLSON  
P O BOX 2786  
CHICAGO IL 60690-2786

NOT ASSIGNED

2742

DATE MAILED:

04/28/99

### NOTICE TO FILE MISSING PARTS OF APPLICATION Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

☐ small entity (statement filed) ☒ non-small entity is \$ 130.00 4/28/99

☐ 1. The statutory basic filing fee is:

- ☐ missing.  
☐ insufficient.

Applicant must submit \$ \_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$ \_\_\_\_\_ for \_\_\_\_\_ total claims over 20.

\$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☐ 3. The oath or declaration:

- ☐ is missing or unsigned.  
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☒ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

Vaswant Virde

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English:

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

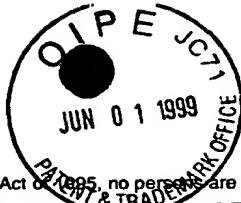
Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

D. Durham

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

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Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (12-98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ ) 260

## Complete if Known

|                      |            |
|----------------------|------------|
| Application Number   | 09/286,087 |
| Filing Date          | 4/2/99     |
| First Named Inventor | Gan        |
| Examiner Name        |            |
| Group / Art Unit     |            |
| Attorney Docket No.  | 476-1737   |

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 12-0913  
Deposit Account Name Lee, Mann, Smith, McWilliams, Sweeney & Ohlson

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 760                    | 201 380                    | Utility filing fee     |          |
| 106 310                    | 206 155                    | Design filing fee      |          |
| 107 480                    | 207 240                    | Plant filing fee       |          |
| 108 760                    | 208 380                    | Reissue filing fee     |          |
| 114 150                    | 214 75                     | Provisional filing fee |          |

SUBTOTAL (1) (\$ ) 0

### 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** =      | X              |          |
| Multiple Dependent | -3** =       | X              |          |

\*\*or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 103 18                     | 203 9                      | Claims in excess of 20                                     |
| 102 78                     | 202 39                     | Independent claims in excess of 3                          |
| 104 260                    | 204 130                    | Multiple dependent claim, if not paid                      |
| 109 78                     | 209 39                     | ** Reissue independent claims over original patent         |
| 110 18                     | 210 9                      | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ ) 0

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code (\$)       | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------------|----------------------------|--|----------|
| 105 130                          | 205 65                     | Surcharge - late filing fee or oath  | 130      |
| 127 50                           | 227 25                     | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 139 130                          | 139 130                    | Non-English specification  |          |
| 147 2,520                        | 147 2,520                  | For filing a request for reexamination                                     |          |
| 112 920*                         | 112 920*                   | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840*                       | 113 1,840*                 | Requesting publication of SIR after Examiner action                        |          |
| 115 110                          | 215 55                     | Extension for reply within first month                                     |          |
| 116 380                          | 216 190                    | Extension for reply within second month                                    |          |
| 117 870                          | 217 435                    | Extension for reply within third month                                     |          |
| 118 1,360                        | 218 680                    | Extension for reply within fourth month                                    |          |
| 128 1,850                        | 228 925                    | Extension for reply within fifth month                                     |          |
| 119 300                          | 219 150                    | Notice of Appeal   |          |
| 120 300                          | 220 150                    | Filing a brief in support of an appeal                                     |          |
| 121 260                          | 221 130                    | Request for oral hearing   |          |
| 138 1,510                        | 138 1,510                  | Petition to institute a public use proceeding                              |          |
| 140 110                          | 240 55                     | Petition to revive - unavoidable   |          |
| 141 1,210                        | 241 605                    | Petition to revive - unintentional   |          |
| 142 1,210                        | 242 605                    | Utility issue fee (or reissue)   |          |
| 143 430                          | 243 215                    | Design issue fee   |          |
| 144 580                          | 244 290                    | Plant issue fee  |          |
| 122 130                          | 122 130                    | Petitions to the Commissioner  | 130      |
| 123 50                           | 123 50                     | Petitions related to provisional applications                              |          |
| 126 240                          | 126 240                    | Submission of Information Disclosure Stmt                                  |          |
| 581 40                           | 581 40                     | Recording each patent assignment per property (times number of properties) |          |
| 146 760                          | 246 380                    | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149 760                          | 249 380                    | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| Other fee (specify) _____        |                            |  |          |
| Other fee (specify) _____        |                            |  |          |
| Reduced by Basic Filing Fee Paid |                            |  |          |
| SUBTOTAL (3) (\$ )               |                            |  | 260      |

## SUBMITTED BY

Typed or Printed Name William M. Lee, Jr.

Signature William M. Lee, Jr.

Date 5/25/99

## Complete (if applicable)

Reg. Number 26,935

Deposit Account User ID \_\_\_\_\_

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.